

Converting Colors

XYZ(50.3537, 34.8922, 28.8251)

Have a look what the booklet for
XYZ(50.3537, 34.8922, 28.8251)
contains.

XYZ(50.5193, 34.9400, 28.8924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.5193, 34.9400,
28.8924)**

Conversions

Conversions Part 1

Format	Color
Hex	FA758C
RGB	250, 117, 140
RGB Percent	98%, 46%, 55%
CMY	0.0196, 0.5411, 0.4510
CMYK	0.00, 0.53, 0.44, 0.02
HSL	350°, 93%, 72%
HSV	350°, 53%, 98%
XYZ	50.5193, 34.9400, 28.8924
YIQ	159.3890, 71.8850, 35.3490

Conversions

Conversions Part 2

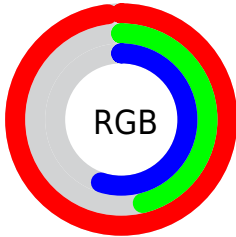
Format	Color
R _Y B	250, 117, 140
Decimal	16414092
CIE Lab	65.70, 52.86, 12.35
CIE LCh	66, 54.279, 13.146
Yxy	34.9400, 0.4418, 0.3055
Android (android.graphics.Color)	4294604172 (0xFFFA758C)
YUV	159.3890, -9.5588, 79.4658
Hunter-Lab	59.1101, 49.1151, 12.3967

Details

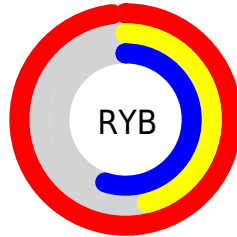
The XYZ color **50.5193, 34.9400, 28.8924** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.3888, 77.7001, 84.7562**, and the grayscale version is **33.1532, 34.8798, 37.9841**.

A 20% lighter version of the original color is **65.8092, 54.9974, 57.5991**, and **24.5544, 15.0023, 11.2744** is the 20% darker color. If you saturate the color by 10%, you get **46.6014, 29.3193, 20.7577**, and if you desaturate by 10%, it is **55.5032, 42.2342, 38.7965**.

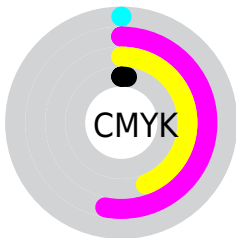
Distribution



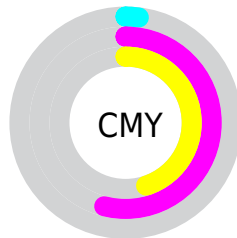
- Red (98%)
- Green (46%)
- Blue (55%)



- Red (98%)
- Yellow (46%)
- Blue (55%)



- Cyan (0%)
- Magenta (53%)
- Yellow (44%)
- Black (2%)





- Cyan (2%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5193, 34.9400, 28.8924 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 50.5193, 34.9400, 28.8924 by changing the saturation by 10% instead.


 50.5193, 34.9400,
28.8924


 50.5193, 34.9400,
28.8924


379.1118,
324.3034, 310.7520


 36.0457, 23.6167,
18.7546


 90.1310, 67.3928,
58.9462

 24.6397, 15.0495,
11.3181


 115.9999, 89.2911,
79.6993

 15.9362, 8.8541,
6.1643


 146.3978,
115.4831, 104.8279

 9.5695, 4.6462,
2.8749

181.6903,
146.3533, 134.7505

 5.1746, 2.0412,
1.0311

222.2425,
182.2860, 169.8856

 2.3859, 0.6312,
0.0000

268.4199,

 0.8381, 0.0000,

223.6657, 210.6519

0.0000

320.5879,
270.8767, 257.4678

■ 0.0000, 0.0000,
0.0000

■ 50.5193, 34.9400,
28.8924

■ 50.5193, 34.9400,
28.8924

■ 46.6014, 29.3193,
20.7577

■ 55.5032, 42.2342,
38.7965

■ 43.6672, 25.2333,
14.2847

■ 61.6216, 51.3151,
50.5650

■ 41.6266, 22.5301,
9.3564

■ 68.9404, 62.2925,
64.2884

■ 40.3707, 21.0234,
5.8391

■ 77.5196, 75.2658,
80.0505

■ 39.8645, 20.5000,
4.1628

■ 87.4153, 90.3274,
97.9304

93.2343, 99.0640,
108.8150

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.1800, 34.9400, 52.2714



50.5193, 34.9400, 28.8924



45.7202, 34.9400, 15.1979

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.5193, 34.9400, 28.8924



23.7762, 34.9400, 14.1326



28.9534, 34.9400, 97.5616

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50.5193, 34.9400, 28.8924



55.3888, 77.7001, 84.7562

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.2185, 34.9400, 76.7396



50.5193, 34.9400, 28.8924



20.5745, 34.9400, 26.6648

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



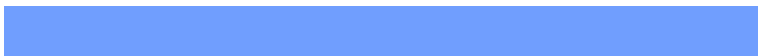
50.5193, 34.9400, 28.8924



29.8379, 34.9400, 9.2779



20.3882, 34.9400, 48.9482



36.8258, 34.9400, 98.9476

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.5193, 34.9400, 28.8924



40.6399, 34.9400, 10.7509



20.3882, 34.9400, 48.9482



26.7448, 34.9400, 92.3125

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50.5202, 34.9418, 28.8930



78.4222, 74.6884, 78.8672



54.8619, 35.7336, 94.4482



16.3830, 15.3771, 16.1427



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.5202, 34.9418, 28.8930



48.4410, 30.2361, 21.0574



55.0548, 46.4467, 22.8954



17.3671, 17.2742, 18.5227



21.1812, 10.8882, 2.3967



1.9948, 1.0217, 0.3961

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.5202, 34.9418, 28.8930



48.4410, 30.2361, 21.0574



47.1205, 55.7406, 98.7180



17.3671, 17.2742, 18.5227



21.1812, 10.8882, 2.3967



1.9948, 1.0217, 0.3961

Previews

White Background



This preview shows how the XYZ color 50.5193, 34.9400, 28.8924 looks on a white background.

Color Contrast Check

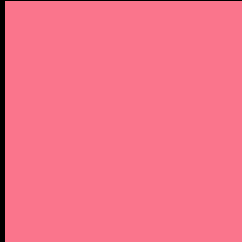
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 50.5193, 34.9400, 28.8924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5193, 34.9400, 28.8924

Background



This preview shows how black text looks on a background with the XYZ color 50.5193, 34.9400, 28.8924.



This preview shows how white text looks on a background with the XYZ color 50.5193, 34.9400,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

50.5193, 34.9400, 28.8924

Protanopia

33.9093, 35.1220, 39.6423

Deuteranopia

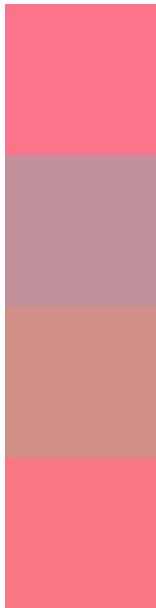
35.8663, 35.1467, 27.4479



Tritanopia

49.4945, 34.8657, 24.1998

Trichromacy



Original Color

50.5193, 34.9400, 28.8924

Protanomaly

38.1378, 33.7824, 35.5209

Deuteranomaly

40.2633, 34.3826, 27.8070

Tritanomaly

49.7102, 34.7625, 25.9196

Monochromacy



Original Color

50.5193, 34.9400, 28.8924

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.3790, 33.4200, 34.1864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5193, 34.9400, 28.8924 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(250, 117, 140)` looks like.

```
.text, #text, p{  
    color:rgb(250, 117, 140)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(250, 117, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 117, 140) }
```

Border

The CSS property to change the border of an element to XYZ 50.5193, 34.9400, 28.8924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 117, 140) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(250, 117, 140) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(250, 117, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 117, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 117, 140);  
box-shadow:4px 4px 4px 4px rgb(250, 117,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5193, 34.9400, 28.8924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 117, 140) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(250,  
117, 140) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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